

## **AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification as follows:

Please replace the Sequence Listing submitted with the application on March 5, 2002, with the enclosed substitute Sequence Listing and place the enclosed computer readable form of the Substitute sequence Listing into the file.

Please replace paragraph 110 with the following paragraph:

[0110] Figure 1 represents the alignment of ABCC11 (SEQ ID NO:47), ABCC12 (long isoform; SEQ ID NO:33), and ABCC5 (SEQ ID NO:48) proteins. Identical amino acids are shaded, gaps are indicated by periods. Walker A and B motifs and the ABC transporter family signature sequence C are underlined and ~~labelled~~ labeled with respective letters. Amino acid sequences were aligned with the PILEUP program in the Genetics Computer Group Package. Potential transmembrane spanning segments are given in bold type.

Please delete paragraph [0112] and replace it with the following paragraph:

[0112] Figure 3 represents the expression profiling of the human ABCC12 gene by PCR on human Multiple Tissue cDNA (MTC®, Clontech). Each lane contains normalized, first-strand cDNA from 16 human tissues/cells. Lanes 1-66 thus represent cDNA from heart, brain, placenta, lung, liver, muscle, kidney, pancreas, spleen, thymus, testis, ovary, intestine, colon, leukocyte, and prostate, respectively. N represents the negative control ; M represent the marker lane (1kb Plus DNA Ladder). The following primer pairs amplified specific gene products : ABCC12 : forward 5'-GGT GAC AGA CAA GCG AGT TCA GAC AAT G-3' (SEQ ID NO: 49), reverse 5'-CTT TGC TCC TCT GGG CCA GTG-3' (SEQ ID NO: 50).

Please delete Table 1 on page 63, and replace it with the following Table:

Table 1 : Splice sites sequences and exon sizes of ABCC12

<b>Exon</b>	<b>Size (bp)</b>	<b>Splice acceptor (SEQ ID NOS 51-78, <u>respectively, in order of appearance</u>)</b>	<b>Splice donor (SEQ ID NOS 79-107, <u>respectively, in order of appearance</u>)</b>
1	119	Not determined	CCTGTGCAAGgtaagtc aga
2	156	ttgtctgcagGTTAGCAC CC	ATGCCAAAAGgtaccag gat
3	152	ttcatcacagATTTCGAG TC	GGGCCGGTGAgtagcg cagc
4	230	ttacagacagTTCTCATT CA	TGTTGGCGAGgtaagct ggc
5	174	ttctttccagGTGCTCAAT A	ACCCGTCCAGgtaacgg cat
6	148	ttgatttcagATGTTTATG G	ACTATCCAAGgtaggac aag
7	149	tattttgcagATATAAGAA G	CGCACCCGTGgtaaga gctg
8	108	tgttcttcagGCATTTAGT G	GAGAATGAAGgtataact aa
9	279	ttaatcttagAAAATTCTC A	GGTGAGAAAGgtgggtgt gt
10	72	tctctggcagGGGAAGAT CT	CCTAGGACAGgtaagct gtg
11	125	gttggtccagATGCAGCT GC	ATCACCAAAGgtaatatta a
12	73	gcaccaacagGTATCAG CAC	CCTGACTGAGgtgagcg ggg
13	204	ctgtccacagATTGGGG AGC	CCAGCTACAGgtgatgg gac
14	135	acttctgcagTTCTTAGA GT	GCAGTTCAAGgtaactca ca
15	76 or 85	ttgtctccagGATCCTGA AC	GAAGATGCTGgtataatc gg or GGTATAATCGgttagaat

			cc
16	72	ctcaccctagTTTTGGCT CC	GACACAAAAGgtatttacc a
17	90	gtctccacagTTCCTGAG CA	GCTTCTGGAGgttcagta ta
18	104	cctcttgacagGGTACCTC CT	GGGCTCACGGgtgagttt cc
19	198	ttctccaaagATGACCTG TG	GTTTGATAAGgtagggc cac
20	227	ttctccacagATCTTAAA GA	TTCTGTTACGgtagggcc at
21	138	tttctccagCATTTTCCA C	GCATCACCTAgtagtcc ca
22	157	aaaactccagTCACCTC CTC	CATCATCCAGgtaatgcc tg
23	90	tttcaacagCTGAGCGG AC	ATACATTTTCgtaagaa att
24	190	tcctttacagACCTGTGTT C	ACAGGTTCCGgtgagga caa
25	160	tggttcccagGAAAGTCA TC	GTACAGTAAGgtagctgtt t
26	79	ttcattgcagGTACAACCTT G	GAGAGACACAgtaggtct ct
27	114	tgttttgtagATAATGAAA C	TAATTCAAAGgtaagaa aac
28	165	tcctccacagATCATTCT CC	AAATGGGAAGgtatagg aag
29	87+3'UTR	tgactttcagGTGATTGA GT	Not determined

Please delete paragraph [0474] and replace it with the following paragraph:

[0474] The  $\beta$ -galactosidase cDNA of the expression vector pCMV- $\beta$  (Clontech, Palo Alto, CA, USA, Gene Bank Accession No. U02451) may be deleted by digestion with the restriction endonuclease NotI and replaced with a multiple cloning site

containing, from the 5' end to the 3' end, the following sites: NotI, Ascl, RsrII, AvrII, SwaI, and NotI, cloned at the region of the NotI restriction site. The sequence of this multiple cloning site is:

5'-CGGCCGCGGCGCGCCCGGACCGCCTAGGATTAAATCGCGGCCCGCG-3' (SEQ ID NO: 108).

Please delete paragraph [0477] and replace it with the following paragraph:

[0477] 5'CTCTAGAATTCGGCCTCCGTGGCCGTTTAAACGCTAGCGCCCGGCTTAATTAAGTCGACTCTAGAGC-3' (SEQ ID NO: 109), may be inserted at the level of the XbaI site (nucleotide at position 3329) of the vector pXCXII (McKinnon et al., 1982, Gene 19:33; McGrory et al., 1988, Virology, 163:614).